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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/706,065	11/12/2003	Michael Sittinger	27600/X014A	6362

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MCCRACKEN & FRANK LLP
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CHICAGO, IL 60606

EXAMINER

MACKEY, PATRICK HEWEY

ART UNIT	PAPER NUMBER
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3651

DATE MAILED: 11/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/706,065	Applicant(s) SITTINGER ET AL.	
	Examiner Patrick H. Mackey	Art Unit 3651	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 September 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-42 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-42 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. The amendment filed 9/14/05 has been entered.

Specification

2. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

The following title is suggested: Book Production Device With Demand Printer.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1, 2, 8, 9, 13, 23, 24, 30, 31, and 35 are rejected under 35 U.S.C. 102(b) as being anticipated by Dooley (US 6,257,566). Dooley discloses a book production device that includes a gathering line (14); a demand printer (56); a feeding device (58); a packer box (16) with a transfer mechanism (see col. 4, line.3); and a controller (60).
5. Claims 1, 2, 12-16, 20, 22-24, and 35-38 are rejected under 35 U.S.C. 102(b) as being anticipated by Graushar (US 5,100,116). Graushar discloses a book production device that includes a gathering line (18); a plurality of demand printers (32, see col. 4, line 51); a feeding device (33); and a controller (31).
6. Claims 1, 2, 6, 7, 12-18, 20, 22-24, 28-29, 35-38, and 41 are rejected under 35 U.S.C. 102(b) as being anticipated by Weller (US 4,989,850). Weller discloses a book production apparatus that includes a gathering line (90); a plurality of demand printers (75, see

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col. 5, lines 1-6); a feeding device (GR); a folding device (see col. 4, line 56); and a controller (see col. 3, line 56).

Claim Rejections - 35 USC § 103

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

8. Claims 3-5, 25-27, and 39-40 are rejected under 35 U.S.C. 103(a) as being unpatentable over Graushar in view of Warmus et al. (US 5,963,968). Graushar discloses all the limitations of the claims, but it does not disclose utilizing a template file having fixed and variable information separated into data streams and provided to a collator/raster image processor together with a database and a press command file. However, Warmus discloses a book production device that includes disclose utilizing a template file having fixed and variable information separated into data streams and provided to a collator/raster image processor together with a database and a press command file for the purpose of producing differing book versions in an efficient manner (see col. 3, lines 8-10). It would have been obvious for a person of ordinary skill in the art at the time of the applicant's invention to modify Graushar by utilizing a template file having fixed and variable information separated into data streams and provided to a collator/raster image processor together with a database and a press command file, as disclosed by Warmus, for the purpose of producing differing book versions in an efficient manner.

9. Claims 10-11, 14, 17, 19, 32, 33, and 34 rejected under 35 U.S.C. 103(a) as being unpatentable over Dooley in view of Weller. Dooley discloses all the limitations of the claims,

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but it does not disclose a folder and it does not disclose a plurality of demand printers. However, Weller discloses a book production device that includes a folder for the purpose of processing signatures which have not been folded (see col. 3, lines 4-6) and Weller discloses utilizing a plurality of demand printers for the purpose of customizing more than one page. It would have been obvious for a person of ordinary skill in the art at the time of the applicant's invention to modify Dooley by utilizing a folder and a plurality of demand printers, as disclosed by Weller, for the purpose of processing signatures which have not been folded and customizing more than one page.

10. Claims 14, 21, 36 and 42 are rejected under 35 U.S.C. 103(a) as being unpatentable over Dooley in view of Graushar. Dooley discloses all the limitations of the claims, but it does not disclose a plurality of demand printers. However, Graushar discloses a book production device that includes a plurality of demand printers for the purpose of customizing more than one page. It would have been obvious for a person of ordinary skill in the art at the time of the applicant's invention to modify Dooley by utilizing a plurality of demand printers, as disclosed by Graushar, for the purpose of customizing more than one page.

Response to Arguments

11. Applicant's arguments filed 9/14/05 have been fully considered but they are not persuasive.

12. The applicant states that none of the prior art discloses a demand printer operable during a single production sequence for producing first and second different printed pages each having unique content that may be positioned at any point over an entire surface thereof as recited by claims 1-22. In response, see Dooley's item 56, Graushar's item 32, and Weller's item 75.

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13. The applicant states that none of the prior discloses a book production apparatus comprising a demand printer for producing first and second different customized pages each having unique content that maybe positioned at any point over an entire surface thereof wherein the first and second customized pages are printed during a time interval during which the gathering line is continuously moving, as specified by claims 23-34. In response, see Dooley's item 56, Graushar's item 32, and Weller's item 75.

14. The applicant states that none of the prior art discloses a method of producing books comprising the step of supplying a plurality of demand printers for producing first and second pages each having unique content that may be positioned at any point over an entire surface thereof in response to print commands generated during a continuous production sequence, as recited by claims 36-42. In response, see Dooley's item 56, Graushar's item 32, and Weller's item 75.

Conclusion

15. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

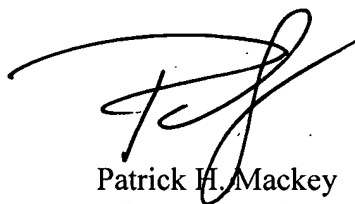
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however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Patrick H. Mackey whose telephone number is (571) 272-6916. The examiner can normally be reached on Tuesday-Friday 7:00 a.m. - 5:30 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gene Crawford can be reached on (571) 272-6911. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Patrick H. Mackey
Primary Examiner
Art Unit 3651

November 7, 2005